| L.       | Index of Claims |               |          |               |          |          |                       |         |          |                |            |            |           | Application No. |                |            |             |          |           |             |          |          | Applicant(s) |                     |           |               |         |           |        |                 |          |  |  |     |
|----------|-----------------|---------------|----------|---------------|----------|----------|-----------------------|---------|----------|----------------|------------|------------|-----------|-----------------|----------------|------------|-------------|----------|-----------|-------------|----------|----------|--------------|---------------------|-----------|---------------|---------|-----------|--------|-----------------|----------|--|--|-----|
|          |                 |               |          |               |          |          |                       |         |          |                |            |            |           |                 | ٥              | 09/781,492 |             |          |           |             |          |          |              |                     |           | ABADIR ET AL. |         |           |        |                 |          |  |  |     |
|          |                 |               |          |               |          |          |                       |         |          |                |            |            |           |                 | Examiner       |            |             |          |           |             |          |          |              |                     | Art Unit  |               |         |           |        |                 |          |  |  |     |
|          |                 |               |          |               |          |          |                       |         |          |                |            |            |           | A. M. Thompson  |                |            |             |          |           |             |          |          |              | 2825                |           |               |         |           |        |                 |          |  |  |     |
|          |                 |               |          |               |          |          |                       |         |          |                |            |            |           |                 | A. M. HORIDSON |            |             |          |           |             |          |          |              | _=                  |           |               | _       |           |        |                 |          |  |  |     |
|          | √ Rejected –    |               |          |               |          |          |                       |         |          | (Through numer |            |            |           |                 |                | al)        |             |          |           | Non-Elected |          |          |              | Г                   | Appeal    |               |         |           |        | 1               |          |  |  |     |
|          |                 |               |          | Rejected      |          |          | -                     |         |          |                | Cancelled  |            |           |                 |                |            |             | N Non-Ei |           |             | -E16     | ctea     | _            | A                   | Арреаі    |               |         |           |        |                 |          |  |  |     |
|          |                 |               |          | ΔII           | owe      | ad       |                       |         |          |                | Restricted |            |           |                 |                |            |             | ı        | ln        | nterference |          |          | 0            | Objected            |           |               |         |           |        |                 |          |  |  |     |
|          |                 |               | =        |               |          |          | J                     | L       | $\perp$  |                |            |            |           |                 |                |            |             |          |           |             |          |          | Ľ            |                     |           | ,,            |         |           | J      |                 |          |  |  |     |
| Г        | Claim           |               |          |               | e        |          |                       |         |          | Claim          |            |            |           |                 | Date           |            |             |          |           | Г           | laim     | П        | Date         |                     |           |               |         |           |        |                 |          |  |  |     |
| ſ        | E E S           |               | ×        |               |          |          |                       |         | Τ        | 1              | <u> </u>   | - <u> </u> | Г         | Γ               |                |            |             | T        | T         | T           | П        |          | - F          |                     |           |               |         |           |        |                 | П        |  |  |     |
|          | Final           | Original      | 6/23/04  |               |          |          |                       |         |          |                | Final      | Original   |           |                 |                |            |             |          |           |             |          | Final    | Original     |                     |           | ĺ             | ١       |           |        |                 |          |  |  |     |
|          |                 | 4             |          | 4             | _        |          | Ш                     | _       | 1        | -              |            |            | L         | L               | $\vdash$       | Щ          | _           | $\dashv$ | 4         | 4           | 4        | -        |              | $oldsymbol{\perp}$  | $\dashv$  | _             | 4       | +         | 1      | $\perp$         | Н        |  |  |     |
| F        |                 | #             | F        | +             | +        |          | $\vdash$              | +       | ╁        | 1              |            | 51<br>52   | ┢         | ╁╴              | Н              | Н          | $\dashv$    | $\dashv$ | +         | +           | ┨        | $\vdash$ | 101          | $\vdash$            | $\forall$ | $\dashv$      | +       | +         | ╁      | $\vdash$        | Н        |  |  |     |
| F        |                 | 4             | E        |               |          |          |                       | $\perp$ |          | 1              |            | 53         |           |                 |                |            |             | $\Box$   | 1         | 1           | ]        |          | 103          |                     | $\Box$    | $\Box$        | 1       | Ţ         | $\bot$ |                 |          |  |  |     |
| ŀ        | -               | ŧ             | Ħ        | +             | ╁        | +        | ${oldsymbol{ecture}}$ | +       | ╁        | -              |            | 54<br>55   | -         | ┞               | Н              | Н          | ┥           | +        | +         | +           | $\dashv$ | $\vdash$ | 104          | $\vdash$            | $\dashv$  | +             | +       | ╀         | ╫      | ╂╌              | Н        |  |  |     |
| ŀ        |                 | 7             |          | +             | 十        | +        | H                     | $\top$  | t        | 1              |            | 56         | 厂         |                 | Н              |            | 1           | 1        | 1         | 1           | 1        |          | 106          |                     |           | 士             |         | +         | 十      | Н               | Н        |  |  |     |
| Ţ        |                 | <b>(a)</b>    |          |               | T        |          |                       | 工       |          | ]              |            | 57         |           |                 |                |            | $\Box$      | $\Box$   | I         | 7           | 7        |          | 107          |                     | $\Box$    | $\Box$        | I       | Ţ         | I      |                 |          |  |  |     |
|          | -               | ( <u>\$</u> ) |          | +             | ┿        | Н        | $\vdash$              | +       | ╁╌       | 1              |            | 58<br>59   | ┡         | $\vdash$        | Н              | Н          | $\dashv$    | +        | +         | ╬           | $\dashv$ | -        | 108          | $\vdash$            | $\dashv$  | $\dashv$      |         | +         | ╀      | $\vdash$        | Н        |  |  |     |
| F        | $\dashv$        | 位             |          | +             | +        | Н        | H                     | +       | +        | 1              |            | 60         | $\vdash$  | H               | Н              |            | $\dashv$    | +        | 十         | +           | ┥        | $\vdash$ | 110          | Н                   | $\dashv$  | +             | ╅       | ╁         | 十      | Н               | Н        |  |  |     |
|          |                 | <b>(II)</b>   |          | 1             | $\top$   | П        | $\Box$                |         | L        |                |            | 61         |           |                 |                |            | $\Box$      | $\Box$   | 7         | T           | $\Box$   |          | 111          |                     | $\Box$    | コ             | $\perp$ | Ţ         |        |                 | П        |  |  |     |
| H        | $\dashv$        | 12<br>(13)    | 7        | +             | ╀        | Н        | $\dashv$              | +       | ╀        | ┨              |            | ଷ          | ⊢         | H               | Н              | Н          | +           | +        | +         | +           | $\dashv$ | $\vdash$ | 112          | Н                   | $\dashv$  | $\dashv$      | +       | +         | ┿      | ╀╌              | Н        |  |  |     |
| F        | $\neg$          | 14            | V        | +             | 十        | Н        | $\vdash$              | +       | T        | 1              |            | 64         | H         | Н               | Н              | H          | +           | 十        | 十         | +           | 1        | $\vdash$ | 114          | Н                   |           | $\top$        | +       | $\dagger$ | 十      | $\vdash$        | Н        |  |  |     |
|          |                 | 15            | V        | 工             | 工        | П        | $\Box$                | 工       |          | 1              |            | 65         |           |                 |                |            | $\exists$   | $\Box$   | I         | 1           |          |          | 115          |                     | $\Box$    | ゴ             | $\bot$  | Ţ         | T.     | П               |          |  |  |     |
|          | $\dashv$        | 17            | 7        | -             | ╀        | ╂┥       | $\dashv$              | +       | +-       |                |            | 66<br>67   | -         | -               | H              | $\dashv$   | $\dashv$    | +        | +         | +           | 4        | $\vdash$ | 116<br>117   | $\vdash$            | -         | +             | +       | +         | +      | Н               | Н        |  |  |     |
| -        | $\dashv$        | (ii)          |          | +             | +        | +        | +                     | +       | ╁╾       | 1 1            |            | 68         |           |                 |                | $\exists$  | +           | +        | +         | +           | ┨        | $\vdash$ | 118          | Н                   | $\dashv$  | $\dashv$      | +       | +         | +      | Н               | Н        |  |  |     |
|          | $\Box$          | 19            | 4        | ightharpoonup | L        |          | $\Box$                |         |          | ]              |            | 69         |           |                 |                |            | $\sqsupset$ | $\Box$   |           | I           | 7        |          | 119          | П                   |           | $\Box$        |         | Ţ         | T      | П               |          |  |  |     |
| -        | -               | 20<br>(21)    | 7        | +             | ╀        | Н        | +                     | - -     | +-       | 1              |            | 70<br>71   | H         | Н               | -              | $\dashv$   | $\dashv$    |          |           | +           | $\dashv$ | $\vdash$ | 120<br>121   | Н                   | -         | +             | -       | ╀         | ╀      | Н               | Н        |  |  |     |
| ŀ        | 一               | 22            | V        | +             | +        | H        | $\vdash$              | +       | ╁        | 1              |            | 72         | Н         | Н               | Н              | ┪          | +           | 十        | +         | $\dagger$   | ┨.       | $\vdash$ | 122          | Н                   | _         | $\dashv$      | 十       | ┿         | ╁      | Н               | Н        |  |  |     |
|          |                 | 25            |          | 工             | I        |          |                       |         |          | 1              |            | 73         |           |                 |                | $\Box$     | $\Box$      | $\Box$   | 1         | Ţ           | コ        |          | 123          |                     | $\Box$    | 1             | 工       | Ţ         |        |                 |          |  |  |     |
|          | -               | 25<br>25      | 77       | +             | ╀        | $\vdash$ | -                     | -       | ╀        | łI             |            | 74<br>75   | $\vdash$  | Н               | Н              | $\dashv$   | +           | +        | +         | +           | $\dashv$ | $\vdash$ | 124<br>125   | Н                   | $\dashv$  | +             | +       | ╁         | ┿      | Н               | Н        |  |  |     |
| E        |                 | 26            | V        | _             | T        | $\vdash$ | $\dashv$              | +       | T        | 1              |            | 76         |           | Н               | $\exists$      | T          | 7           | 1        | $\dagger$ | $\dagger$   | 1        |          | 126          |                     | 十         | $\dashv$      | 十       | ╁         | ╅      | Н               | Н        |  |  | - 1 |
| F        | 二               | 27            |          | $\perp$       | 匚        | П        | $\perp$               | $\top$  | Γ        | ]              |            | 77         |           | П               | $\Box$         | コ          | 4           | 7        | Ţ         | Ţ           | 7        |          | 127          |                     | Ţ         | Ţ             | T       | Ţ         | I      | П               |          |  |  |     |
| <b>-</b> | $\dashv$        | 28<br>29      | 77       | +             | +        | $\vdash$ | +                     | +       | $\vdash$ |                |            | 78<br>79   | $\vdash$  | $\vdash$        | $\dashv$       | $\dashv$   | +           | +        | +         | +           | $\dashv$ | -        | 128<br>129   | Н                   | +         | +             | +       | ╁         | +-     | H               | Н        |  |  |     |
| F        | _               | 30            | 1        | _             | $\perp$  | ┟┤       | _                     | 丁       | t        | j              |            | 80         |           | H               |                | _          | _†          | _        | †         | +           | 1        |          | 130          | H                   | _         | +             | _       | $\perp$   | $\pm$  | ᡛ┨              | H        |  |  | ļ   |
|          |                 | 31            |          | I             | Γ        | П        | $\Box$                | T       | Г        | ]              |            | 81         | $\Box$    |                 |                | $\Box$     | $\Box$      | T        | Ţ         | Ţ           |          |          | 131          | 口                   | $\Box$    | $\downarrow$  | Ţ       | I         | Γ      | П               |          |  |  |     |
| ⊢        |                 | 32<br>33      | Н        | +             | +        | ┨        | +                     | +       | +        |                |            | 82<br>83   | Н         | $\vdash$        | +              | $\dashv$   | +           | +        | +         | +           | $\dashv$ | -        | 132<br>133   | ⊢┤                  | +         | +             | ╁       | +         | +      | H               | $\dashv$ |  |  |     |
| F        |                 | 34            | H        | 士             | İ        | H        | 士                     | 士       |          | 1              |            | 84         | H         |                 | ╛              | _          | _           | 士        | 士         | 士           | _        |          | 134          | H                   | +         | <del> </del>  | _       | 士         | 1      | H               | Н        |  |  | Ì   |
|          |                 | 35            |          | T             | L        |          | $\Box$                | I       | L        | ]              |            | 85         |           |                 | $\Box$         | $\Box$     | $\Box$      | $\Box$   | Ţ         | T           | 7        |          | 135          | П                   | $\Box$    | I             | I       | I         | L      |                 |          |  |  | ŀ   |
| -        | -               | 36<br>37      | $\dashv$ | ╬             | ┿        | $\vdash$ | +                     | +       | ┢        |                | $\dashv$   | 86<br>87   | H         | $\dashv$        | -              | $\dashv$   | $\dashv$    | +        | +         | +           | -        | -        | 136          | $\vdash$            | +         | +             | +       | ╀         | ╀      | $\vdash$        | $\vdash$ |  |  |     |
|          |                 | 38            |          | İ             | T        |          |                       |         |          |                |            | 88         |           |                 | $\exists$      | $\exists$  | 1           | _        | 1         | T           | ┪.       |          | 138          | H                   |           | $\top$        | +       | T         | +      | Н               | $\dashv$ |  |  |     |
|          | $\Box$          | 39            |          | ightarrow     | 工        | П        | $\Box$                | 1       |          |                |            | 89         |           |                 | $\Box$         | $\Box$     | $\Box$      | $\Box$   | Ţ         | Ţ           | ]        |          | 139          | П                   | $\Box$    | $\bot$        | I       | Ţ         | Τ      | П               |          |  |  |     |
|          | $\dashv$        | 40<br>41      | $\dashv$ | +             | ╁        |          | -                     | +-      | $\vdash$ |                | $\dashv$   | 90<br>91   | $\vdash$  | Н               | +              | +          | +           | +        | +         | +           | 4        | -        | 140          | Н                   | +         | +             | +       | ╀         | +      | ┝╌┨             | $\dashv$ |  |  |     |
| F        |                 | 42            | 7        | 士             | $\pm$    |          | $\pm$                 | 士       |          |                |            | 92         |           |                 | $\exists$      | _†         | 士           | $\pm$    | +         | 士           | 1        |          | 142          | H                   | $\dagger$ | _             | +       | +         | +      | H               | $\dashv$ |  |  |     |
|          | $\Box$          | 43            | $\Box$   | T             | Г        | П        | 1                     | T       |          |                |            | 93         |           | $\Box$          | $\Box$         | $\Box$     | $\exists$   | Ţ        | Ţ         | Ţ           | 7        |          | 143          | $\square$           | $\supset$ | $\top$        | Ŧ       | I         | $\Box$ | 口               |          |  |  |     |
|          | $\dashv$        | 44<br>45      | $\dashv$ | +-            | ╀        | $\vdash$ | +                     | +-      | ├-       |                |            | 94<br>95   | $\dashv$  | $\dashv$        | 4              | +          | +           | +        | +         | +           | $\dashv$ | -        | 144          | $\vdash \downarrow$ | +         | +             | +       | +         | +      | H               | $\dashv$ |  |  |     |
| <b> </b> |                 | 46            | $\dashv$ | _             | $\vdash$ |          | _                     | +       | -        |                |            | 96         |           |                 | _              | _          | _           | +        | +         | +           | 1        | $\vdash$ | 146          | H                   | +         | +             | +       | +         | +      | $\vdash$        | $\dashv$ |  |  |     |
|          | $\sqsupset$     | 47            | $\Box$   | T             |          | 口        | 1                     | $\bot$  |          |                |            | 97         |           | $\Box$          | $\sqsupset$    | $\dashv$   | $\Box$      | I        | I         | Ţ           | 1        |          | 147          | $\square$           | 1         | #             | T       | I         | L      |                 |          |  |  | '   |
| <br>     | $\dashv$        | 48<br>49      | $\dashv$ | +             | $\vdash$ | $\vdash$ | +                     | +-      |          |                |            | 98<br>99   | $\square$ | $\dashv$        | $\dashv$       | $\dashv$   | +           | +        | +         | +           | +        | -        | 148<br>149   | H                   | +         | +             | +       | ╀         | +      | $\vdash \vdash$ | $\dashv$ |  |  |     |
| -        | _               | 50            | 寸        | 士             |          |          | $\pm$                 | 士       |          |                |            | 100        | $\exists$ | $\exists$       | ┪              | _†         | +           | +        | 士         | 十           | 1        |          | 150          |                     | $\dagger$ | +             | _       | +         | T      | H               | $\dashv$ |  |  |     |
|          |                 | 17            |          |               |          |          |                       |         |          | •              |            |            |           |                 |                |            | _           |          |           |             |          |          |              |                     |           |               |         |           |        |                 | _        |  |  | - 1 |